FIRE CENTURION MODEL FC-CH INSTRUCTION SHEET 1 - IN USE

The Fire Centurion FC-CH is a bedside smoke and fire warning system for deaf and hard of hearing people that can be used in the home or when staying at a hotel. The bedside alarm operates a vibrating pad under your pillow and a flashing light to disturb you from sleep if a smoke detector or fire alarm should operate. The bedside alarm produces four alarm types:

Alarm in response to radio controlled smoke detector.
Alarm in response to smoke detector or fire alarm sounder detected acoustically.
Alarm in response to alarm clock signal from an optional alarm clock such as a Shake Awake.
System warning alerts such as low battery, mains power failure or backup battery low.

System Parts

1 x FC-CH bedside alarm receiver
1 x FC-CHD smoke detector
1 x User manual.

SETTING UP THE BEDSIDE ALARM WITH REMOTE CONTROLLED SMOKE DETECTOR

Position the bedside alarm on a bedside cabinet or chest of draws. **Do not place the bedside alarm on the floor.** Position the vibrating under the pillow where you sleep. Plug the mains power adaptor into a mains power point. The bedside alarm will be switched on electronically. The vibrating pad and flashing light will operate briefly then stop. The power LED will glow green to indicate system OK. To test the alarm circuits push and release the reset button.

Note: when the system is in use the power adaptor must be plugged in at all times. See switching off if you have to go away for a few days of if you take the alarm with you to stay at a hotel.

SETTING UP THE REMOTE CONTROLLED SMOKE DETECTOR - REFER TO SEPARATE LEAFLET

When the smoke detector has been fixed to the ceiling using the fixing plugs and screws provided (**do not use "NO NAILS" double sided tape or any other form of adhesive as this may affect operation of the smoke detector)** a test can be performed. Press and hold in the smoke detector red test button for more than three seconds. The smoke detector will send an alarm signal to bedside alarm. Go to the bedside alarm and check that the alarms are running. Press and hold in the reset button for more than five seconds to cancel the alarms. NOTE: if both the Smoke Alarm and Alarm Sounder Detected LED's are flashing, there is no problem, it means that the bedside alarm has received a radio control signal and has detected the smoke alarm sounder. Press and hold in the reset button to cancel the alarms. If the bedside alarm does not respond to the smoke detector test, check that the battery is installed in the smoke detector. If after checking the battery the bedside alarm still fails to respond contact your supplier for further advice or telephone 01536 264 869.

ALARM SIGNAL FROM RADIO CONTROLLED SMOKE DETECTOR

If the radio controlled smoke detector is activated by smoke, or a system test is being performed, the bedside alarm will respond with operation of flashing light and vibrating pad. The LED labelled Smoke Alarm will flash red. The alarm will operate for three minutes and will then stop automatically. To manually reset the alarm press and hold in the reset button for five seconds or more until the alarms stop. Note: in the event of an actual fire, the bedside alarm will constantly re-trigger and cannot be reset. If the reset button is not pressed to cancel the alarm the Smoke Alarm LED will continue to flash until the alarm is reset.

SETTING UP THE BEDSIDE ALARM TO ACOUSTICALLY DETECT A SMOKE DETECTOR OR COMMERCIAL FIRE ALARM SOUNDER.

Position the bedside alarm on a bedside cabinet or chest of draws. **Do not place the bedside alarm on the floor.** Plug the mains power adaptor into a mains power point. Note: when the system is in use the power adaptor must be plugged in at all times. When the adaptor is plugged into the mains and the socket switch is set to on, the bedside alarm will switch on electronically. The vibrating pad and flashing light will operate briefly then stop. The power LED will glow green to indicate system OK. To test the alarm circuits push and release the reset button. When using the bedside alarm with a domestic type smoke detector, the smoke detector must be in the same room as the bedside alarm. For use in a hotel, halls of residence, care or nursing home a commercial fire alarm sounder should already be installed in the room. If there is not, the bedside alarm will not detect the fire alarm signal. If the bedside alarm detects an active smoke detector or fire alarm sounder, the alarms are switched on, vibrating pad and flashing light. The LED labelled Alarm Sounder Detected will flash red. The alarm will operate for three minutes and will then stop automatically. If the detector or sounder is still operating the alarms will be re-triggered. To manually stop the alarm press and hold in the reset button for more that five seconds.

If the reset button is not pressed to cancel the alarm the Alarm Sounder Detected LED will continue to flash until the alarm is reset. Note: Certain types of alarm clock and mobile telephones with loud alarm sounders close to the alarm sensor, may cause operation of the bedside alarm.

CONNECTING AN ALARM CLOCK TO THE BEDSIDE ALARM (Shake Awake)

The bedside alarm has a socket on the rear marked Alarm Clock. You will need connector lead part number SA3+CL. Insert the telephone type plug into the socket marked alarm clock. Insert the headphone style jack plug into the socket on the side of the Shake Awake. Set the alarm clock in accordance with the manufacturers instructions. When the clock reaches alarm time, the bedside alarm will operate the flashing light and vibrating pad for a period of three minutes. The alarm will stop automatically unless manually reset by pressing and holding in the reset button for more than five seconds. If the alarm does not stop check that you have cancelled the alarm from the alarm clock.

SWITCHING OFF THE BEDSIDE ALARM

To switch off the bedside alarm, remove the power adaptor from the mains power socket. Press and hold in the reset button for more than five seconds. The bedside alarm will switch off electronically. To switch it back on, insert the power adaptor into the mains supply.

POWER FAIL INDICATION

If the power adaptor is removed from the mains power socket or there is a mains power failure, the power LED will glow solid red. The flashing light and vibrating pad will operate briefly every thirty minutes until mains power is restored.

BATTERY BACKUP

The bedside alarm is designed to trickle charge the backup battery. The power adaptor must be plugged into the mains power supply at all times. This will do no harm to the monitor or the battery. Please note: full battery backup will not be available until the bedside alarm has been in use for 24 hours. It is quite normal for the power adaptor to be warm to the touch when it is plugged into the mains power socket.

AUXILIARY OUTPUT SOCKET (FOR PROFESSIONAL INSTALLERS ONLY)

The auxiliary output socket provides monitored power supply output at 9 Volts and relay contacts. The relay contacts are a common and normally open contact. A radio paging transmitter is available for use with a vibrating pager. The contact may be used for connection and control of other devices such as telephone auto diallers, community alarms and external xenon strobe lights. **Do not attempt to make connections to the FC-CH without having the appropriate instruction.**

SPECIFICATIONS

Power requirement	12 Volt DC
Battery backup	9.6V @ 1.2amph
Battery backup	100 Hours
Radio frequency	868.25 mHz
Alarm control	Software controlled
Vibrating pad	9 Volt @ 160mA
Xenon Strobe	9-12 Volt @ 180mA
Xenon strobe output	2W
Alarm duration	3 Minutes with re-trigger function.

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